

November 17, 2004

LICENSEE: Nuclear Management Company, LLC

FACILITY: Point Beach Nuclear Plant, Units 1 and 2

SUBJECT: SUMMARY OF TELEPHONE CONFERENCE HELD ON OCTOBER 27, 2004,  
BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND  
NUCLEAR MANAGEMENT COMPANY, LLC, CONCERNING DRAFT  
REQUESTS FOR ADDITIONAL INFORMATION PERTAINING TO THE POINT  
BEACH NUCLEAR PLANT, UNITS 1 AND 2, LICENSE RENEWAL  
APPLICATION

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Nuclear Management Company, LLC (NMC) held a telephone conference on October 27, 2004, to discuss and clarify the staff's draft requests for additional information (D-RAIs) concerning the Point Beach Nuclear Plant, Units 1 and 2, license renewal application. The conference call was useful in clarifying the intent of the staff's D-RAIs.

Enclosure 1 provides a listing of the meeting participants. Enclosure 2 contains a listing of the D-RAIs discussed with the applicant, including a brief description on the status of the items.

The applicant had an opportunity to comment on this summary.

**/RA/**

Michael J. Morgan, Project Manager  
License Renewal Section A  
License Renewal and Environmental Impacts Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket Nos.: 50-266 and 50-301

Enclosures: As stated

cc w/encls: See next page

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SUBJECT: SUMMARY OF TELEPHONE CONFERENCE HELD ON OCTOBER 27, 2004, BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND NUCLEAR MANAGEMENT COMPANY, LLC, CONCERNING DRAFT REQUESTS FOR ADDITIONAL INFORMATION PERTAINING TO THE POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2, LICENSE RENEWAL APPLICATION

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Nuclear Management Company, LLC (NMC) held a telephone conference on October 27, 2004, to discuss and clarify the staff's draft requests for additional information (D-RAIs) concerning the Point Beach Nuclear Plant, Units 1 and 2, license renewal application. The conference call was useful in clarifying the intent of the staff's D-RAIs.

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ADAMS Accession No.: **ML043270654**

DOCUMENT NAME: E:\Filenet\ML043270654.wpd

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DISTRIBUTION: Note to: Licensee: Nuclear Management Co., LLC, Re: Pt. Beach Nuclear Plant, Units 1 and 2, Dated: November 17, 2004

Adams accession no.: **ML043270654**

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LIST OF PARTICIPANTS FOR TELEPHONE CONFERENCE  
TO DISCUSS THE POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2  
LICENSE RENEWAL APPLICATION  
OCTOBER 27, 2004

Participants

Affiliations

T. Mielke	Nuclear Management Company; LLC
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DRAFT REQUESTS FOR ADDITIONAL INFORMATION (D-RAI)  
POINT BEACH NUCLEAR PLANT, UNITS 1 AND 2  
LICENSE RENEWAL APPLICATION

October 27, 2004

The U.S. Nuclear Regulatory Commission staff (the staff) and representatives of Nuclear Management Company, LLC (NMC) held a telephone conference call on October 27, 2004, to discuss and clarify the staff's draft requests for additional information (D-RAIs) concerning the Point Beach Nuclear Plant, Units 1 and 2, license renewal application (LRA). The following D-RAIs were discussed during the telephone conference call.

**2.3.1.1 Class 1 Piping/Components System**

**RAI 2.3.1.1-1**

In the LRA Tables 2.3.1-1, 2.3.1-6 and 2.3.3-1, heat exchangers have been identified as component type within the scope of license renewal. However, specifically for these heat exchangers, the pressure boundary was identified as the only intended function requiring aging management, but not their heat transfer function. The staff requests the applicant to clarify why the heat transfer function need not be identified as within scope requiring aging management.

**Discussion:** The applicant indicated that the question is clear. This D-RAI will be sent as a formal RAI.

**2.3.1.2 Reactor Vessel**

**RAI 2.3.1.2-1**

Staff position on reactor vessel flange leak-off lines is that unless a plant specific justification is provided, the components should be in scope requiring aging management. Please confirm whether any of the component type listed in Table 2.3.1-2 (Reactor Vessel) or Table 2.3.1-6 (Non-Class 1 RCS Components System) of the LRA include the subject components. If not, then the subject components should be identified as within scope requiring aging management, or provide a plant specific justification.

**Discussion:** The applicant indicated that the question is clear. This D-RAI will be sent as a formal RAI.

**2.3.1.4 Pressurizer (PZR)**

**RAI 2.3.1.4-1**

LRA Drawings 541F091 Sh.2 and 541F445 Sh.2 show that the pressurizer relief tank (PRT) is in scope; whereas its sub-components, such as the PRT spray, the rupture disk, and the associated pipings are shown to be outside the scope. The staff believes that failure of PRT spray, rupture disk, and/or the associated pipings can result in failure of the PRT itself to perform its intended function. The staff, therefore, requests the applicant to include the PRT spray, rupture disk, and the associated pipings within the scope of license renewal, or to

provide an explanation as to how failure of the PRT sub-components will not degrade the intended functions of the PRT.

**Discussion:** The applicant indicated that the question is clear. This D-RAI will be sent as a formal RAI.

#### RAI 2.3.1.4-2

In Table 2.3.1-4 (Pressurizer) of the LRA, PZR spray head was not listed as a component type subject to an AMR. But the LRA drawings 541F091 Sh.1 and 541F445 Sh.1 show that the PZR spray head are in scope. Please clarify. The staff believes that loss of the spray head due to aging will result in the failure of the pressure control function of the PZR which may be relied upon during and following design-basis events (DBE) and/or regulated events. If the spray head was excluded from the scope, then the following additional information is requested:

- a) The staff requests the applicant to justify how the components (spray head and associated pipings inside pressurizer) which are relied upon for pressure control function during plant transients, as stated in the LRA (page 2-79), do not require any aging management during the extended period of operation?
- b) The staff requests the applicant to clarify if the current licensing basis (CLB) for fire protection(FP) complies with certain sections of Appendix R, particularly Section III.G, which provides the requirements for the fire protection safe shutdown capability. Discuss if the pressurizer spray head and associated piping are credited and relied upon in the fire protection safe shutdown analysis to bring the plant to cold shutdown conditions within a given time for compliance with Appendix R. If it is credited in the fire protection safe shutdown analysis, the pressurizer spray head and associated piping would satisfy 10 CFR 50.48, Appendix R requirements; and therefore, should be included within the scope of license renewal. The specific intended function of the subject components which meets the 10 CFR 54.4(a)(3) requirements is the spray function, and the particular components which help perform this function are the section of piping and the spray head located inside the pressurizer. Note that the subject components do not have pressure boundary function. The staff requests the applicant to describe whether the loss of spray function can make it impossible to bring the plant to cold shutdown conditions within the given time for compliance with Appendix R. If so, then the staff requests that the spray head and the associated piping inside pressurizer having the spray function be included within the scope requiring aging management so that it should provide a reasonable assurance that an adequate spray function will be maintained inside the pressurizer during the extended period of operation.

**Discussion:** Based on the discussion with the applicant, the staff indicated and the applicant agreed that this question required further clarification about the spray heads. Applicant will clarify information/response.